BRUHAT BENGALURU MAHANAGARA PALIKE

Name of Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date : PART

No	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And Final Bill Qty	Remarks
	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. Including cost of materials, labour, HOM complete as per specifications.-do- wall and bottom thickness 15cm Complete as per the direction of Engineer in charge with all lead and lift									
	Earthwork	Cum								
	Qty Paid Upto 2nd And Part Bill								61.56	
	For Culverts-Raft									
	15th C CR		1	5.10			1.40	0.15	1.07	
	14th cr		1	3.80			1.40	0.15	0.80	
	14th cr		1	4.80			1.40	0.15	1.01	
	14th mr		1	5.30			1.40	0.15	1.11	
	Vishnu nilaya		1	4.80			1.40	0.15	1.01	
	15th cr		1	5.50			1.40	0.15	1.16	
	34/A sahari		1	5.30			1.40	0.15	1.11	
	# Chandri 16th cr		1	5.10			1.40	0.15	1.07	
	15th c cr		1	6.50			1.40	0.15	1.37	
	15 b cr		1	5.00			1.40	0.15	1.05	
	15 a cr		1	4.80			1.40	0.15	1.01	
	17th cr		1	5.00			1.40	0.15	1.05	
	Ashirvad		1	4.00			1.40	0.15	0.84	
	#43 / Sri rama opp		1	5.50			1.40	0.15	1.16	
	19th cr Bandappa Grand		1	5.00			1.40	0.15	1.05	
	Opp to 19th Cr		1	5.20			1.40	0.15	1.09	
	15th mr gokul		1	5.80			1.40	0.15	1.22	
	16th mr gokul 1st stage		1	4.00			1.40	0.15	0.84	
	15th B mr SS		1	3.50			1.40	0.15	0.74	
	15th B mr NS		1	3.80			1.40	0.15	0.80	
	15th A CR Gokul SS		1	4.00			1.40	0.15	0.84	
	16th A CR Gokul NS		1	4.00			1.40	0.15	0.84	
	Dakshni Botine		1	3.80			1.40	0.15	0.80	
	Swetha No 707		1	5.30			1.40	0.15	1.11	

Executive Engineer
Rajarajeshwari Nagara Divi
Bruhat Bengaluru Mahanagara
Bengaluru- 560 054.

Contractor Representive

Consultant's Representive

Authorised Signatory

Assistant Engineer
Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Bill Staus : 3rd And Final Bill

No	Description of Items	Unit	Np	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
	14th B MR		1	5.50			1.40	0.15	1.16	
	# Sri Nilaya		1	4.80			1.40	0.15	1.01	
	14th A CR		1	4.40			1.40	0.15	0.92	
	14th A Cross Road		1	2.80			1.40	0.15	0.59	
	16th MRHMT Layout		1	5.00			1.40	0.15	1.05	
	1st MR HMT Layout		1	8.30			1.40	0.15	1.74	
	2nd CR HMT Layout		1	7.00			1.40	0.15	1.47	
	2nd Cr HMT Layout		1	7.50			1.40	0.15	1.58	
	3rd Cr HMT NS		1	6.00			1.40	0.15	1.26	
	3rd Cr HMT SS		1	5.50			1.40	0.15	1.16	
	4th Cr		1	5.50			1.40	0.15	1.16	
	14 Th A C/R		1	4.50			1.40	0.15	0.95	
	15th MR		1	7.50			1.40	0.15	1.58	
	15th MR Shneha Sabona		1	5.00			1.40	0.15	1.05	
	16th MR		1	5.00			1.40	0.15	1.05	
	1st CR		1	5.20			1.40	0.15	1.09	
	Culvert Wall									
	15th C CR		2	5.10			0.20	0.90	1.84	
	14th cr		2	3.80			0.20	0.90	1.37	
	14th cr		2	4.80			0.20	0.90	1.73	
	14th mr		2	5.30			0.20	0.90	1.91	
	Vishnu nilaya		2	4.80			0.20	0.90	1.73	
	15th cr		2	5.50			0.20	0.90	1.98	
	34/A sahari		2	5.30			0.20	0.90	1.91	
	# Chandri 16th cr		2	5.10			0.20	0.90	1.84	
	15th c cr		2	6.50			0.20	0.90	2.34	
	15 b cr		2	5.00			0.20	0.90	1.80	
	15 a cr		2	4.80			0.20	0.90	1.73	
	17th cr		2	5.00			0.20	0.90	1.80	
	Ashirvad		2	4.00			0.20	0.90	1.44	
	#43 / Sri rama opp		2	5.50			0.20	0.90	1.98	
	19th cr Bandappa Grand		2	5.00			0.20	0.90	1.80	
	Opp to 19th Cr		2	5.20			0.20	0.90	1.87	
	15th mr gokul		2	5.80			0.20	0.90	2.09	
	16th mr gokul 1st stage		2	4.00			0.20	0.90	1.44	
	15th B mr SS		2	3.50			0.20	0.90	1.26	

Executive Engineer
Rajarajeshwari Nagara Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 054.

C.T Ragu
Contractor Representative

Consultants Representive
M/s SAPIENCE CONSULTANTS

Authorised Signatory

Asst Executive Engineer
Ward No 17

Engineer
d No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Bill Staus : 3rd And Final Bill

No	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
	15th B mr NS		2	3.80			0.20	0.90	1.37	
	15th A CR Gokul SS		2	4.00			0.20	0.90	1.44	
	16th A CR Gokul NS		2	4.00			0.20	0.90	1.44	
	Dakshni Botine		2	3.80			0.20	0.90	1.37	
	Swetha No 707		2	5.30			0.20	0.90	1.91	
	14th B MR		2	5.50			0.20	0.90	1.98	
	# Sri Nilaya		2	4.80			0.20	0.90	1.73	
	14th A CR		2	4.40			0.20	0.90	1.58	
	14th A Cross Road		2	2.80			0.20	0.90	1.01	
	16th MRHMT Layout		2	5.00			0.20	0.90	1.80	
	1st MR HMT Layout		2	8.30			0.20	0.90	2.99	
	2nd CR HMT Layout		2	7.00			0.20	0.90	2.52	
	2nd Cr HMT Layout		2	7.50			0.20	0.90	2.70	
	3rd Cr HMT NS		2	6.00			0.20	0.90	2.16	
	3rd Cr HMT SS		2	5.50			0.20	0.90	1.98	
	4th Cr		2	5.50			0.20	0.90	1.98	
	14 Th A C/R		2	4.50			0.20	0.90	1.62	
	15th MR		2	7.50			0.20	0.90	2.70	
	15th MR Shneha Sabona		2	5.00			0.20	0.90	1.80	
	16th MR		2	5.00			0.20	0.90	1.80	
	1st CR		2	5.20			0.20	0.90	1.87	
								Total Qty Work Done	178.07	
								Total Qty Upto 125 %	76.95	
								Deduct Paid Qty	-61.56	
								Total Payable Qty Upto 125 %	15.39	
								Total Payable Qty Above 125 %	101.12	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C-T Ragu

Contractor Representive

Assistant Executive Engineer

Ward No 17

Engineer

Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :						Bill Staus : 3rd And Final Bill				Remarks
	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	
	Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(1.2 x 0.60 x 0.25)Data rate	Sqm								
	Qty Paid Upto 2nd And Part Bill								120.70	
	For Culverts									
	15th C CR		1	5.10			1.80		9.18	
	14th cr		1	3.80			1.80		6.84	
	14th cr		1	4.80			1.80		8.64	
	14th mr		1	5.30			1.80		9.54	
	Vishnu nilaya		1	4.80			1.80		8.64	
	15th cr		1	5.50			1.80		9.90	
	34/A sahari		1	5.30			1.80		9.54	
	# Chandri 16th cr		1	5.10			1.80		9.18	
	15th c cr		1	6.50			1.80		11.70	
	15 b cr		1	5.00			1.80		9.00	
	15 a cr		1	4.80			1.80		8.64	
	17th cr		1	5.00			1.80		9.00	
	Ashirvad		1	4.00			1.50		6.00	
	#43 / Sri rama opp		1	5.50			1.80		9.90	
	19th cr Bandappa Grand		1	5.00			1.80		9.00	
	Opp to 19th Cr		1	5.20			1.80		9.36	
	15th mr gokul		1	5.80			1.50		8.70	
	16th mr gokul 1st stage		1	4.00			1.50		6.00	
	15th B mr SS		1	3.50			1.80		6.30	
	15th B mr NS		1	3.80			1.80		6.84	
	15th A CR Gokul SS		1	4.00			1.80		7.20	
	16th A CR Gokul NS		1	4.00			1.80		7.20	
	Dakshni Botine		1	3.80			1.80		6.84	
	Swetha No 707		1	5.30			1.80		9.54	
	14th B MR		1	5.50			1.80		9.90	
	# Sri Nilaya		1	4.80			1.80		8.64	
	14th A CR		1	4.40			1.80		7.92	
	14th A Cross Road		1	2.80			1.50		4.20	

Executive Engineer
Rajarajeshwari Nagara Divisi
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C.T Raju
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Consultants Representive
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Author ised Signatory

Asst Executive Engineer
Ward No 17

Engineer
No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Bill Staus : 3rd And Final Bill

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
16th MRHMT Layout		1	5.00			1.80		9.00	
1st MR HMT Layout		1	8.30			1.50		12.45	
2nd CR HMT Layout		1	7.00			1.50		10.50	
2nd Cr HMT Layout		1	7.50			1.80		13.50	
3rd Cr HMT NS		1	6.00			1.80		10.80	
3rd Cr HMT SS		1	5.50			1.80		9.90	
4th Cr		1	5.50			1.80		9.90	
14 Th A C/R		1	4.50			1.80		8.10	
15th MR		1	7.50			1.80		13.50	
15th MR Shneha Sabona		1	5.00			1.80		9.00	
16th MR		1	5.00			1.80		9.00	
1st CR		1	5.20			1.80		9.36	
							Total Qty Work Done	479.05	
							Total Qty Upto 125 %	150.88	
							Deduct Paid Qty	-120.70	
							Total Payable Qty Upto 125 %	30.18	
							Total Qty Above 125 %	328.18	

Executive Engineer
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Engineer
No 17

Asst.Executive Engineer
Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

(Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And final Bill Qty	Remarks
Providing and fixing in trenches **galvinised/mild steel tube 50mm dia nominal bore** with all fittings (earth work in trenches to be measured and paid for seperately) including cost of all materials, labour charges,HOM of equipment and testing complete as per specifications. Specification No. KBS 13.2.14/13.6 (page no.92/Item no.13.15)KPWD SR 2018-19.									
Point 1	Rmt								
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	
							Total Qty Work Done	390.00	
							Qty Payable In This Bill	390.00	

Executive Engineer
Rajarajeshwari Nagara Division
Bruhat Bengaluru Mahanagara Palike
Bengaluru-560 054.

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For SAPIENCE CONSULTANTS

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C.T Raju
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Asst Executive Engineer
Ward No 17

Engineer
No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
Supplying and drawing **3 core flat PVC** sheathed submersible **pump cable** maufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 to IS 8130-1984 and virgin grade PVC insulation and power coating extruded PVC sheathed suitable for working voltage upto 1100 volts with specified IS 694:1990 and confirming to the attwached GTP of group A 3CX4.0 sq.mm (PWD Ele SR 2014-15,P-12/lt-2.10.3)									
Add 5mts for Switching	Rmt								
Point 1		2	30.00					60.00	
		2	30.00					60.00	
		2	30.00					60.00	
		2	30.00					60.00	
		2	30.00					60.00	
		2	30.00					60.00	
		2	30.00					60.00	
		2	30.00					60.00	
		2	30.00					60.00	
		2	30.00					60.00	
		2	30.00					60.00	
		2	30.00					60.00	
		2	30.00					60.00	
		2	30.00					60.00	
		2	3.00					6.00	
							Total Qty Work Done	786.00	
							Qty Payable In This Bill	786.00	

Part

Executive Engineer
Rajarajeshwari Nagara Divisi
Bruhat Bangalore Mahanagara Pa
Bangalore - 560 054.

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju
actor Representive

Engineer
No 17

Asst Executive Engineer
Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No	L (M)	B 1(M)	Bill Staus : 3rd And Part final Bill B 2(M)	B (M)	D (M)	Qty	Remarks
Providing and fixing **Chorinated Poly Venyl Chloride (CPVC) pipes** conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (external work) - **50mm** nominal OD pipes (KPWD SR 2018-19, P-99, It-13.87.6)									
Water line									
Point 1									
	Mtr	1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	
		1	30.00					30.00	
		1	15.00					15.00	
							Total Qty Work Done	225.00	
							Qty Payable In This Bill	225.00	

Executive Engineer
Rajarajeshwari Nagara Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 054.

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Asst Executive Engineer
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